



OCT 14 2004

Attorney's Docket No.: 13681-003002

IFW
1616
H

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Choi et al.
Serial No. : 10/053,535
Filed : January 15, 2002
Title : CARBON MONOXIDE AS A BIOMARKER AND THERAPEUTIC AGENT

Art Unit : 1616
Examiner : Frank I. Choi

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449.

This statement is being filed after receipt of a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 13681-003002.

Respectfully submitted,

Date:

10/13/04

Todd E. Garcia, Ph.D.
Reg. No. 54,112

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20956188.doc

10/19/2004 RMEBRAFT 00000020 10053535

01 FC:1806

180.00 DP

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV 382036815 US

October 13, 2004

Date of Deposit

Substitute Form PTO-1449 (Modified) OCT 13 2004 (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13681-003002	Application No. 10/053,535
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		
	Applicant Choi <i>et al.</i>		Group Art Unit 1616
Filing Date January 15, 2002			

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,763,431	06/9/98	Jackson			
	AB	5,882,674	03/16/99	Herrmann <i>et al.</i>			
	AC	6,313,144	11/6/01	McCullough <i>et al.</i>			
	AD						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	WO 95/35105	12/28/95	WIPO				
	AF	WO 02/09731	02/07/02	WIPO			English Abstract	
	AG	WO 03/000114	01/03/03	WIPO				
	AH							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AI	Brown <i>et al.</i> , "In vivo binding of carbon monoxide to cytochrome c oxidase in rat brain", American Physiological Society, pp 604-610 (1990)
	AJ	Chapman <i>et al.</i> , "Carbon Monoxide Attenuates Aeroallergen-induced Inflammation in Mice", <i>Am. J. Physiol. Lung Cell Mol Physiol.</i> 281:L209-L216 (2001)
	AK	Davidson <i>et al.</i> , "Inflammatory Modulation and Wound Repair" <i>J Investigative Dermatology</i> xi-xii (2003)
	AL	Dioum <i>et al.</i> , "NPAS2: A Gas-Responsive Transcription Factor", <i>Scienceexpress/www.scienceexpress.org/21 November 2002/pages 1-6/10.1126/science.1078456</i>
	AM	Donnelly <i>et al.</i> , "Expression of Heme-Oxygenase in Human Airway Primary Epithelial Cells", <i>J Respiratory Critical Care Med</i> 159(3):A218 (1999)
	AN	Grau <i>et al.</i> , "Effect of Carbon Monoxide Breathing on Hypoxia and Radiation Response in the SCCVII Tumor <i>in vivo</i> ", <i>Int. J. Radiation Oncology Biol. Phys.</i> 29:449-454 (1994)
	AO	Lee <i>et al.</i> , "Regulation of Heme Oxygenase-1 Expression <i>In Vivo</i> and <i>In Vitro</i> in Hyperoxic Lung Injury", <i>Am. J. Respir. Cell Biol.</i> 14:556-568 (1996)
	AP	Meilin <i>et al.</i> , Effects of carbon monoxide on the brain may be mediated by nitric oxide", <i>J Appl Physiol.</i> 81(3):1078-83 (1996)
	AQ	Minamino <i>et al.</i> , "Targeted expression of heme oxygenase-1 prevents the pulmonary inflammatory and vascular responses to hypoxia", <i>PNAS</i> 98(15):8798-8803 (2001)
	AR	Paredi <i>et al.</i> , "Increased Carbon Monoxide in Exhaled Air of Cystic Fibrosis Patients", <i>J Respiratory Critical Care Med</i> 159(3):A218 (1999)

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OCT 13 2004

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13681-003002	Application No. 10/053,535
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Choi <i>et al.</i>	
		Filing Date January 15, 2002	Group Art Unit 1616

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AS	Piantadosi <i>et al.</i> , "Production of Hydroxyl Radical in the Hippocampus After CO Hypoxia Hypoxia in the Rat", <i>Free Radical Biol. & Med.</i> 22(4):725-732 (1997)
	AT	Tamayo <i>et al.</i> , "Carbon monoxide inhibits hypoxic pulmonary vasoconstriction in rats by a cGMP-independent mechanism", <i>Pflugers Arch.</i> 434(6):698-704 (1997)
	AU	Wang <i>et al.</i> , "Resurgence of carbon monoxide: an endogenous gaseous vasorelaxing factor", <i>Can. J. Physiol. Pharmacol.</i> 76:1-15 (1998)
	AV	Welty <i>et al.</i> , "Hyperoxic Lung Injury is Potentiated by SPC-Promotor Driven Expression of an HO-1 Transgene in Mice", <i>J Respiratory Critical Care Med</i> 159(3):A218 (1999)
	AW	Weng <i>et al.</i> , "Transpulmonary HO-1 Gene Delivery in Neonatal Mice", <i>J Respiratory Critical Care Med</i> 159(3):A218 (1999)
	AX	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	